

# DISTRICT OF COLUMBIA BUILDING CODE ADVISORY COMMITTEE

c/o DCRA/BLRA · 941 North Capitol Street, NE, Ste. 2000 · Washington, DC 20002

## CODE CHANGE PROPOSAL FORM

2003 ICC FAMILY OF CODES

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CODE	Existing Building Code	SECTION NO.		SUBCOMMITTEE AMENDMENT NO.	EX-4-4		
PROPOSING SUBCOMMITTEE	Ex.Struct	CHAIR	Stogis	PHONE	3016800864	E-mail	jfstogis@comcast.net
DATES: OF PROPOSAL	04/12/2005	BCAC PRESENTATION	04/20/2005	BCAC APPROVAL			

CHECK ONE ☐ *Revise section to read as follows:* ☐ *Delete section and substitute the following:*  
☒ *Add new section to read as follows:* ☐ *Delete section without substitution.*

TYPE ALL TEXT IN 12-POINT TIMES NEW ROMAN FONT

~~LINE THROUGH TEXT TO BE DELETED~~ (highlight text, under *Format*, click font and check strikethrough)

UNDERLINE TEXT TO BE ADDED

**411.2 Retroactive Requirements for Existing Elevators.** Existing elevators shall be made to comply with the applicable requirements stated below no later than three (3) years after the effective date of this code. The sections applicable to each type of elevator are as follows:

1. Existing automatic elevators shall comply with sections 411.2.1 through 411.2.10.
2. Existing manual / attendant operated elevators shall comply with Sections 411.2.3, 411.2.5 and 411.2.6. 411.2.7, 411.2.8, 411.2.9, and 411.2.10.
3. Existing freight elevators shall comply with Section 411.2.3. 411.2.7, 411.2.8, and 411.2.9.

**411.2.1** ...

**411.2.2 Prevention of door opening between floors.** Existing elevators shall be equipped with a mechanical means to prevent a passenger in the cab from opening the hoistway or car doors when the elevator is outside the unlocking zone. The installation shall comply with ASME A17.1, Rule 2.12.5.

Anticipated impact of code change on cost of construction (CHECK ONE)

☒ **Increase** ☐ **Decrease** ☐ **Negligible** ☐ **Unknown**

If "Increase" box was checked, indicate estimated range of added cost:

Per 1,000 SF single-family dwelling	\$		to	\$	
Per 1,000SF of commercial building	\$		to	\$	

## JUSTIFICATION OF CHANGE:

This known hazard has been identified by the American Society of Mechanical Engineers Elevator and Escalator Safety Code Committee as a hazard that needs to be corrected, and as such was included in the A17.1-2002 elevator and escalator safety code.

Prior to this being a requirement on new and existing elevators, this was the #1 reason that entrapped passengers lost their lives. This device should be mechanical and not electrical.

Estimated cost of approximately \$4,000.